OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/851,586A

DATE: 07/10/2002
TIME: 14:49:38

Input Set : **A:\PTO.VSK.txt**
Output Set: **N:\CRF3\07102002\I851586A.raw**

```
  3 <110> APPLICANT: MILLHAUSER, GLENN
  4        THOMPSON, DARREN
  5        BOLIN, KIMBERLEY
  6        ANDERSON, JOE
  7        MCNULTY, JOSEPH
  9 <120> TITLE OF INVENTION: METHODS AND COMPOUNDS FOR MODULATING MELANOCORTIN RECEPTOR
LIGAND BINDING
 10        AND ACTIVITY
 12 <130> FILE REFERENCE: 407t-980910US
```

C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/851,586A
C--> 14 <141> CURRENT FILING DATE: 2002-06-25

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 14 <150> PRIOR APPLICATION NUMBER: PCT/US99/25201
 15 <151> PRIOR FILING DATE: 1999-10-27
 17 <150> PRIOR APPLICATION NUMBER: 60/203,271
 18 <151> PRIOR FILING DATE: 2000-05-09
 20 <150> PRIOR APPLICATION NUMBER: 60/226,047
 21 <151> PRIOR FILING DATE: 2000-08-16
 23 <160> NUMBER OF SEQ ID NOS: 54
 25 <170> SOFTWARE: Patentin version 3.0
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 132
 29 <212> TYPE: PRT
 30 <213> ORGANISM: Homo sapiens
 32 <400> SEQUENCE: 1
 34 Met Leu Thr Ala Ala Val Leu Ser Cys Ala Leu Leu Leu Ala Leu Pro
 35 1               5                  10                  15
 37 Ala Thr Arg Gly Ala Gln Met Gly Leu Ala Pro Met Glu Gly Ile Arg
 38              20                  25                  30
 40 Arg Pro Asp Gln Ala Leu Leu Pro Glu Leu Pro Gly Leu Gly Leu Arg
 41           35                  40                  45
 43 Ala Pro Leu Lys Lys Thr Thr Ala Glu Gln Ala Glu Glu Asp Leu Leu
 44     50                  55                  60
 46 Gln Glu Ala Gln Ala Leu Ala Glu Val Leu Asp Leu Gln Asp Arg Glu
 47 65                  70                  75                  80
 49 Pro Arg Ser Ser Arg Arg Cys Val Arg Leu His Glu Ser Cys Leu Gly
 50              85                  90                  95
 52 Gln Gln Val Pro Cys Cys Asp Pro Cys Ala Thr Cys Tyr Cys Arg Phe
 53              100                 105                 110
 55 Phe Asn Ala Phe Cys Tyr Cys Arg Lys Leu Gly Thr Ala Met Asn Pro
 56              115                 120                 125
 58 Cys Ser Arg Thr
 59     130
 61 <210> SEQ ID NO: 2
 62 <211> LENGTH: 46
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Input Set : A:\PTO.VSK.txt
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```
63  <212> TYPE: PRT
64  <213> ORGANISM: Homo sapiens
66  <400> SEQUENCE: 2
68  Cys Val Arg Leu His Glu Ser Cys Leu Gly Gln Gln Val Pro Cys Cys
69  1                 5                   10                  15
71  Asp Pro Cys Ala Thr Cys Tyr Cys Arg Phe Phe Asn Ala Phe Cys Tyr
72                  20                  25                  30
74  Cys Arg Lys Leu Gly Thr Ala Met Asn Pro Cys Ser Arg Thr
75              35                  40                  45
77  <210> SEQ ID NO: 3
78  <211> LENGTH: 33
79  <212> TYPE: PRT
80  <213> ORGANISM: Homo sapiens
82  <400> SEQUENCE: 3
84  Cys Val Arg Leu His Glu Ser Cys Leu Gly Gln Gln Val Pro Cys Cys
85  1                 5                   10                  15
87  Asp Pro Ala Ala Thr Cys Tyr Cys Arg Phe Phe Asn Ala Phe Cys Tyr
88                  20                  25                  30
90  Cys
93  <210> SEQ ID NO: 4
94  <211> LENGTH: 34
95  <212> TYPE: PRT
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C--> 96 <213> ORGANISM: Artificial
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98  <220> FEATURE:
99  <223> OTHER INFORMATION: synthetic mini-AGRP
101 <400> SEQUENCE: 4
103 Cys Val Arg Leu His Glu Ser Cys Leu Gly Gln Gln Val Pro Cys Cys
104 1                 5                   10                  15
106 Asp Pro Ala Ala Thr Cys Tyr Cys Arg Phe Phe Asn Ala Phe Cys Tyr
107                 20                  25                  30
109 Cys Arg
112 <210> SEQ ID NO: 5
113 <211> LENGTH: 34
114 <212> TYPE: PRT
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C--> 115 <213> ORGANISM: Artificial
```
117 <220> FEATURE:
118 <223> OTHER INFORMATION: synthetic AGRP fragment
120 <220> FEATURE:
121 <221> NAME/KEY: MOD_RES
122 <222> LOCATION: (1)..(1)
123 <223> OTHER INFORMATION: C blocked with acetyl
124 <220> FEATURE:
127 <221> NAME/KEY: MOD_RES
128 <222> LOCATION: (34)..(34)
129 <223> OTHER INFORMATION: R blocked with amino
132 <400> SEQUENCE: 5
134 Cys Val Arg Leu His Glu Ser Cys Leu Gly Gln Gln Val Pro Cys Cys
135 1                 5                   10                  15
137 Asp Pro Ala Ala Thr Cys Tyr Cys Arg Phe Phe Asn Ala Phe Cys Tyr
```

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```
     138              20              25              30
     140 Cys Arg
     143 <210> SEQ ID NO: 6
     144 <211> LENGTH: 6
     145 <212> TYPE: PRT
C--> 146 <213> ORGANISM: artificial
     148 <220> FEATURE:
     149 <223> OTHER INFORMATION: AGRP fragment
     151 <400> SEQUENCE: 6
     153 Val Arg Leu His Glu Ser
     154 1               5
     156 <210> SEQ ID NO: 7
     157 <211> LENGTH: 6
     158 <212> TYPE: PRT
C--> 159 <213> ORGANISM: Artificial
     161 <220> FEATURE:
     162 <223> OTHER INFORMATION: AGRP fragment
     164 <400> SEQUENCE: 7
     166 Leu Gly Gln Gln Val Pro
     167 1               5
     169 <210> SEQ ID NO: 8
     170 <211> LENGTH: 3
     171 <212> TYPE: PRT
C--> 172 <213> ORGANISM: Artificial
     174 <220> FEATURE:
     175 <223> OTHER INFORMATION: AGRP fragment
     177 <400> SEQUENCE: 8
     179 Arg Phe Phe
     180 1
     182 <210> SEQ ID NO: 9
     183 <211> LENGTH: 34
     184 <212> TYPE: PRT
C--> 185 <213> ORGANISM: Artificial
     187 <220> FEATURE:
     188 <223> OTHER INFORMATION: AGRP fragment
     190 <220> FEATURE:
     191 <221> NAME/KEY: misc_feature
     192 <223> OTHER INFORMATION: Xaa is any amino acid
     195 <220> FEATURE:
     196 <221> NAME/KEY: misc_feature
     197 <222> LOCATION: (34)..(34)
     198 <223> OTHER INFORMATION: R is optional
     201 <400> SEQUENCE: 9
W--> 203 Cys Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Cys Cys
     204 1               5                   10                  15
W--> 206 Asp Pro Xaa Ala Thr Cys Tyr Cys Xaa Xaa Xaa Asn Ala Phe Cys Tyr
     207              20              25              30
     209 Cys Arg
     212 <210> SEQ ID NO: 10
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```
        213 <211> LENGTH: 6
        214 <212> TYPE: PRT
C--> 215 <213> ORGANISM: Artificial
        217 <220> FEATURE:
        218 <223> OTHER INFORMATION: AGRP fragment
        220 <220> FEATURE:
        221 <221> NAME/KEY: misc_feature
        222 <223> OTHER INFORMATION: Xaa is any amino acid
        225 <400> SEQUENCE: 10
W--> 227 Xaa Xaa Xaa Xaa Xaa Xaa
        228 1                    5
        230 <210> SEQ ID NO: 11
        231 <211> LENGTH: 6
        232 <212> TYPE: PRT
C--> 233 <213> ORGANISM: Artificial
        235 <220> FEATURE:
        236 <223> OTHER INFORMATION: AGRP fragment
        238 <220> FEATURE:
        239 <221> NAME/KEY: misc_feature
        240 <223> OTHER INFORMATION: Xaa is any amino acid
        243 <400> SEQUENCE: 11
W--> 245 Val Xaa Xaa Xaa Xaa Xaa
        246 1                    5
        248 <210> SEQ ID NO: 12
        249 <211> LENGTH: 6
        250 <212> TYPE: PRT
C--> 251 <213> ORGANISM: Artificial
        253 <220> FEATURE:
        254 <223> OTHER INFORMATION: AGRP fragment
        256 <220> FEATURE:
        257 <221> NAME/KEY: misc_feature
        258 <223> OTHER INFORMATION: Xaa is any amino acid
        261 <400> SEQUENCE: 12
W--> 263 Xaa Arg Xaa Xaa Xaa Xaa
        264 1                    5
        266 <210> SEQ ID NO: 13
        267 <211> LENGTH: 6
        268 <212> TYPE: PRT
C--> 269 <213> ORGANISM: Artificial
        271 <220> FEATURE:
        272 <223> OTHER INFORMATION: AGRP fragment
        274 <220> FEATURE:
        275 <221> NAME/KEY: misc_feature
        276 <223> OTHER INFORMATION: Xaa is any amino acid
        279 <400> SEQUENCE: 13
W--> 281 Xaa Xaa Leu Xaa Xaa Xaa
        282 1                    5
        284 <210> SEQ ID NO: 14
        285 <211> LENGTH: 6
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Input Set : A:\PTO.VSK.txt
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```
        286 <212> TYPE: PRT
C--> 287 <213> ORGANISM: Artificial
        289 <220> FEATURE:
        290 <223> OTHER INFORMATION: AGRP fragment
        292 <220> FEATURE:
        293 <221> NAME/KEY: misc_feature
        294 <223> OTHER INFORMATION: Xaa is any amino acid
        297 <400> SEQUENCE: 14
W--> 299 Xaa Xaa Xaa His Xaa Xaa
        300 1               5
        302 <210> SEQ ID NO: 15
        303 <211> LENGTH: 6
        304 <212> TYPE: PRT
C--> 305 <213> ORGANISM: Artificial
        307 <220> FEATURE:
        308 <223> OTHER INFORMATION: AGRP fragment
        310 <220> FEATURE:
        311 <221> NAME/KEY: misc_feature
        312 <223> OTHER INFORMATION: Xaa is any amino acid
        315 <400> SEQUENCE: 15
W--> 317 Xaa Xaa Xaa Xaa Xaa Ser
        318 1               5
        320 <210> SEQ ID NO: 16
        321 <211> LENGTH: 6
        322 <212> TYPE: PRT
C--> 323 <213> ORGANISM: Artificial
        325 <220> FEATURE:
        326 <223> OTHER INFORMATION: AGRP fragment
        328 <220> FEATURE:
        329 <221> NAME/KEY: misc_feature
        330 <223> OTHER INFORMATION: Xaa is any amino acid
        333 <400> SEQUENCE: 16
W--> 335 Val Arg Xaa Xaa Xaa Xaa
        336 1               5
        338 <210> SEQ ID NO: 17
        339 <211> LENGTH: 6
        340 <212> TYPE: PRT
C--> 341 <213> ORGANISM: Artificial
        343 <220> FEATURE:
        344 <223> OTHER INFORMATION: AGRP fragment
        346 <220> FEATURE:
        347 <221> NAME/KEY: misc_feature
        348 <223> OTHER INFORMATION: Xaa is any amino acid
        351 <400> SEQUENCE: 17
W--> 353 Val Xaa Leu Xaa Xaa Xaa
        354 1               5
        356 <210> SEQ ID NO: 18
        357 <211> LENGTH: 6
        358 <212> TYPE: PRT
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 07/10/2002
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Input Set : A:\PTO.VSK.txt
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9. Xaa Pos. 2,3,4.5,6,7,9,10,11,12,13,14,19,25,26,27
Seq#:10; Xaa Pos. 1,2,3,4,5,6
Seq#:11; Xaa Pos. 2,3,4,5,6
Seq#:12; Xaa Pos. 1,3,4,5,6
Seq#:13; Xaa Pos. 1,2,4,5,6
Seq#:14; Xaa Pos. 1,2,3,5,6
Seq#:15; Xaa Pos. 1,2,3,4,5
Seq#:16; Xaa Pos. 3,4,5,6
Seq#:17; Xaa Pos. 2,4,5,6
Seq#:18. Xaa Pos. 2,3,5,6
Seq#:19; Xaa Pos. 2,3,4,6
Seq#:20; Xaa Pos. 2,3,4,5
Seq#:21; Xaa Pos. 1,4,5,6
Seq#:22; Xaa Pos. 1,3,5,6
Seq#:23; Xaa Pos. 1,3,4,6
Seq#:24; Xaa Pos. 1,3,4,5
Seq#:25; Xaa Pos. 1,2,5,6
Seq#:26; Xaa Pos. 1,2,4,5,6
Seq#:27; Xaa Pos. 1,2,4,6
Seq#:28; Xaa Pos. 1,2,4,5
Seq#:29; Xaa Pos. 1,2,3,6
Seq#:30, Xaa Pos. 1,2,3,5
Seq#:31; Xaa Pos. 1,2,3,4
Seq#:32; Xaa Pos. 4,5,6
Seq#:33; Xaa Pos. 2,5,6
Seq#:36; Xaa Pos. 1,2,3,4,5,6
Seq#:37; Xaa Pos. 2,3,4,5,6
Seq#:38; Xaa Pos. 1,3,4,5,6
Seq#:39; Xaa Pos. 1,2,4,5,6
Seq#:40; Xaa Pos. 1,2,3,5,6
Seq#:41; Xaa Pos. 1,2,3,4,6
Seq#:42; Xaa Pos. 1,2,3,4,5
Seq#:43: Xaa Pos. 3,4,5,6
Seq#:44: Xaa Pos. 2,4,5,6
Seq#:45: Xaa Pos 2,3,5,6
Seq#:46; Xaa Pos. 2,3,4,6
Seq#:47. Xaa Pos 2,3,4,5
Seq#:48: Xaa Pos 4,5,6
Seq#:49; Xaa Pos. 2,3
Seq#:50. Xaa Pos. 1,3
Seq#:51. Xaa Pos 3
Seq#:52: Xaa Pos 2
Seq#:53. Xaa Pos 1

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Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 9

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29
Seq#:30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53
Seq#:54

VARIABLE LOCATION SUMMARY   DATE: 07/10/2002
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Use of n's or Xaa's(NEW RULES):
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
in <220> to <223> section, please explain location of n or Xaa, and which
residue n or Xaa represents.

```
Seq#:9;  Xaa Pos. 2,3,4,5,6,7,9,10,11,12,13,14,19,25,26,27
Seq#:10; Xaa Pos. 1,2,3,4,5,6
Seq#:11; Xaa Pos. 2,3,4,5,6
Seq#:12; Xaa Pos. 1,3,4,5,6
Seq#:13; Xaa Pos. 1,2,4,5,6
Seq#:14; Xaa Pos. 1,2,3,5,6
Seq#:15; Xaa Pos. 1,2,3,4,5
Seq#:16; Xaa Pos. 3,4,5,6
Seq#:17; Xaa Pos. 2,4,5,6
Seq#:18; Xaa Pos. 2,3,5,6
Seq#:19; Xaa Pos. 2,3,4,6
Seq#:20; Xaa Pos. 2,3,4,5
Seq#:21; Xaa Pos. 1,4,5,6
Seq#:22; Xaa Pos. 1,3,5,6
Seq#:23; Xaa Pos. 1,3,4,6
Seq#:24; Xaa Pos. 1,3,4,5
Seq#:25; Xaa Pos. 1,2,5,6
Seq#:26; Xaa Pos. 1,2,4,5,6
Seq#:27; Xaa Pos. 1,2,4,6
Seq#:28; Xaa Pos. 1,2,4,5
Seq#:29; Xaa Pos. 1,2,3,6
Seq#:30; Xaa Pos. 1,2,3,5
Seq#:31; Xaa Pos. 1,2,3,4
Seq#:32; Xaa Pos. 4,5,6
Seq#:33; Xaa Pos. 2,5,6
Seq#:35; Xaa Pos. 1,2,3,4,5,6
Seq#:37; Xaa Pos. 2,3,4,5,6
Seq#:38; Xaa Pos. 1,3,4,5,6
Seq#:39; Xaa Pos. 1,2,4,5,6
Seq#:40; Xaa Pos. 1,2,3,5,6
Seq#:41; Xaa Pos. 1,2,3,4,6
Seq#:42; Xaa Pos. 1,2,3,4,5
Seq#:43; Xaa Pos. 3,4,5,6
Seq#:44; Xaa Pos. 2,4,5,6
Seq#:45; Xaa Pos. 2,3,5,6
Seq#:46; Xaa Pos. 2,3,4,6
Seq#:47; Xaa Pos. 2,3,4,5
Seq#:48; Xaa Pos. 4,5,6
Seq#:49; Xaa Pos. 2,3
Seq#:50; Xaa Pos. 1,3
Seq#:51; Xaa Pos. 3
Seq#:52; Xaa Pos. 2
Seq#:53; Xaa Pos. 1
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Input Set : **A:\PTO.VSK.txt**
Output Set: **N:\CRF3\07102002\I851586A.raw**

L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:96 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:115 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:146 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:159 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:172 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:185 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:16
L:215 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
L:227 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:10
L:227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:233 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:245 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:11
L:245 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:251 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12
L:263 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:12
L:263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:269 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
L:281 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:13
L:281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:287 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:299 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:14
L:299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:305 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:317 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:15
L:317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:323 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16
L:335 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:16
L:335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:341 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17
L:353 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:17
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:359 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18
L:371 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:18
L:371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:377 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19
L:389 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:19
L:389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:395 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20
L:407 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:20
L:407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:413 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:21
L:425 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:21
L:425 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:431 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:22
L:443 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:22

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```
L:443 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:449 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:23
L:461 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:23
L:461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:467 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:24
L:479 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:24
L:479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:485 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25
L:497 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:25
L:497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:503 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26
L:515 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:26
L:515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:521 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27
L:533 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:27
L:533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:539 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:28
L:551 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:28
L:551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:557 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29
L:569 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:29
L:569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:575 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30
L:587 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:30
L:587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:593 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31
L:605 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:31
L:605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:611 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32
L:623 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:32
L:623 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:629 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33
L:641 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:33
L:641 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:647 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34
L:665 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:35
L:677 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:35
L:677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:683 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:36
L:701 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37
L:713 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:37
L:713 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:719 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38
L:731 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:38
L:731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:737 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39
L:749 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:39
L:749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:755 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:40
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VERIFICATION SUMMARY　　　　　　　　　DATE: 07/10/2002
PATENT APPLICATION:　US/09/851,586A　　　TIME: 14:49:39

Input Set : **A:\PTO.VSK.txt**
Output Set: **N:\CRF3\07102002\I851586A.raw**

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L:767 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:40
L:767 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:773 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:41
L:785 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:41
L:785 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:791 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:42
L:803 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:42
L:803 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:809 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:43
L:821 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:43
L:821 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:827 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44
L:839 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:44
L:839 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
L:845 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:45
L:857 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:45
L:857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:863 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46
L:875 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:46
L:875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:881 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:47
L:893 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:47
L:893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0
L:899 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:48
L:911 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:48
L:911 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
L:917 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:49
L:929 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:49
L:929 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0
L:935 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:50
L:947 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:50
L:947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0
L:953 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:51
L:965 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:51
L:965 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
L:971 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:52
L:983 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:52
L:983 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:0
L:989 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:53
L:1001 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:53
L:1001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0
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